

WHAT IS CLAIMED IS:

1. An enclosure securing apparatus comprising:
a handle housing disposed in a cover for an opening in an enclosure ;
a handle lever pivotably attached to said handle housing, said handle lever having first and second ends;
a cam surface disposed at said first end of said handle lever for engagement with a lock housing; and
a lock assembly integrated with said enclosure securing apparatus for locking said enclosure.
2. The apparatus of claim 1, wherein said lock assembly further comprises a rotatable shank for engagement with said handle lever.
3. The apparatus of claim 2, wherein said rotatable shank extends through a first hole in said handle lever in a locked position.
4. The apparatus of claim 2, wherein said rotatable shank is attached to a keyed tumbler.
5. The apparatus of claim 1, wherein said handle housing further comprises a handle snap integrated with said handle housing for engagement with said handle lever when said handle lever is in a first position.
6. The apparatus of claim 5, wherein said handle lever further comprises a second hole receptive of said handle snap.

7. The apparatus of claim 1, wherein said handle lever further comprises a detent at said first end for holding said handle lever in a second position.

8. The apparatus of claim 7, wherein said detent engages a wing element of said handle housing for supporting said handle lever in said second position.

9. The apparatus of claim 1, wherein said handle housing and said handle lever comprise molded plastic.

10. The apparatus of claim 1, wherein said lock housing and lock assembly comprise metal.

11. The apparatus of claim 1, wherein said cover comprises a computer housing access panel.

12. A holding mechanism comprising:
a housing; and

a lever arm attached to the housing, the lever arm comprising:

a first surface having first and second edges, wherein said first edge has a first wall extending therefrom, and the second edge has a second wall extending therefrom, said first and second walls extending in the same direction from said first surface; wherein said first and second walls each include a curvilinear surface; and wherein at least one of said curvilinear surfaces includes a protrusion disposed adjacent thereto for holding said lever arm in at least two positions.

13. The mechanism of claim 12, further comprising a lock housing for engagement with said curvilinear surfaces to hold a cover to a chassis.

14. The mechanism of claim 12, wherein the housing further comprises at least one wing element adapted for releasing engagement with said protrusion.

15. The mechanism of claim 14, wherein said protrusion comprises a rounded surface to facilitate movement past said at least one wing element with the application of force to said lever arm.

16. The mechanism of claim 12 further comprising a lock assembly integrated with said holding mechanism for locking said lever arm in a first of said at least two positions.

17. The mechanism of claim 16, wherein said locking mechanism further comprises a shank for engagement with said lever arm.

18. The mechanism of claim 17, wherein said first wall of said lever arm further comprises a hole receptive of said shank for locking said lever arm.

19. The mechanism of claim 12 further comprising a handle snap integrated with said housing for engagement with said lever arm when said handle lever is in a first of said at least two positions.

20. An enclosure securing apparatus comprising:

a handle housing;

a handle lever pivotably attached to said handle housing, said handle lever having first and second ends; and

a handle snap integrated with said handle housing for engagement with said lever arm when said handle lever is in a first position.

21. The apparatus of claim 20, wherein said handle lever further includes a hole therein receptive of said handle snap.

22. The apparatus of claim 20, wherein said handle snap is biased to snappingly engage said handle lever.

23. The apparatus of claim 20, wherein said handle housing and said handle snap comprise a single molded piece.

24. An enclosure securing apparatus comprising:
housing means;
lever means attached said housing means;
locking means integrated with said housing and lever means for locking said lever means in a first position; and
holding means for keeping said lever means in a second position.

25. A method of securing an enclosure to a chassis, wherein the enclosure includes a securing lever arm, comprising: engaging said enclosure with said chassis without holding said lever arm.

26. The method of claim 25 further comprising pivoting said securing lever arm to secure said enclosure to said chassis.

27. The method of claim 25 further comprising snapping a lever snap to said lever arm.

28. The method of claim 26 further comprising locking said lever arm.

29. The method of claim 25, wherein said enclosure comprises a computer housing panel.